

CLAIMS

1. A dielectric antenna comprising: a dielectric block; and a radiation electrode, a feeding electrode and a fixing electrode that are provided to the dielectric block,

wherein the dielectric block contains:

at least one crystalline thermoplastic resin selected from the group consisting of polypropylenes, polyethylenes, polyethylene terephthalates, polybutylene terephthalates, and polyacetals;

ceramic powder; and

an acid-modified styrenic thermoplastic elastomer, and

wherein the acid-modified styrenic thermoplastic elastomer content in the dielectric block is 3% to 20% by volume.

2. The dielectric antenna according to Claim 1, wherein the crystalline thermoplastic resin is at least one resin selected from the group consisting of polypropylenes, polyethylenes, and polyacetals.

3. The dielectric antenna according to Claim 1, wherein the crystalline thermoplastic resin is at least one resin selected from the group consisting of polypropylenes and polyethylenes.

4. The dielectric antenna according to Claim 1, wherein the crystalline thermoplastic resin is polypropylene.